

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5217914	A	19930608	US 1991-683603	19910410 <--
JP 04218954	A2	19920810	JP 1991-75041	19910408 <--
JP 3120462	B2	20001225		
PRIORITY APPLN. INFO.:			JP 1990-95729	A 19900410
AB			Unavailable	

L23 ANSWER 51 OF 12755 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:926598 CAPLUS
TITLE: Miniature inductor for integrated circuits and devices
INVENTOR(S): Bhagat, Jayant K.
PATENT ASSIGNEE(S): Bhagat, Jayant K., USA
SOURCE: U.S., No pp. given
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5070317	A	19911203	US 1989-298158	19890117 <--
PRIORITY APPLN. INFO.:			US 1989-298158	19890117
AB			Unavailable	

L23 ANSWER 55 OF 12755 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:925147 CAPLUS
TITLE: Printed circuit boards and cards having buried thin film capacitors and processing techniques for fabricating said boards and cards
INVENTOR(S): Laufer, John M.; Schumacher, Richard A.
PATENT ASSIGNEE(S): Ibm Corporation, USA
SOURCE: U.S., No pp. given
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5027253	A	19910625	US 1990-506640	19900409 <--
JP 04225594	A2	19920814	JP 1991-55536	19910228 <--
JP 07016099	B4	19950222		
EP 451500	A2	19911016	EP 1991-103285	19910305 <--
EP 451500	A3	19950208		
EP 451500	B1	19971119		
R: DE, FR, GB				
PRIORITY APPLN. INFO.:			US 1990-506640	A 19900409
AB			Unavailable	

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FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 18:41:52 ON 25 SEP 2006

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L1      5583 S CIRCUIT? AND (DNA OR RNA OR NUCLEIC?)
L2      368 S L1 AND (RESIST? OR RESISTOR?)
L3      36 S L1 AND (DIODE?)
L4      51 S L1 AND (CAPACITOR OR CAPACITANCE?)
L5      77 S L1 AND TRANSISTOR
L6      66 S L1 AND (INDUCTOR? OR INDUCER?)
L7      247 DUP REM L2 (121 DUPLICATES REMOVED)
L8      94 S L7 AND PY<=1999
L9      30 DUP REM L3 (6 DUPLICATES REMOVED)
L10     6 S L9 AND PY<=1999
L11     45 DUP REM L4 (6 DUPLICATES REMOVED)
L12     12 S L11 AND PY<=1999
L13     71 DUP REM L5 (6 DUPLICATES REMOVED)
L14     10 S L13 AND PY<=1999
L15     48 DUP REM L6 (18 DUPLICATES REMOVED)
L16     16 S L15 AND PY<=1999
L17     715 S (PATTERN? OR PATTERNING?) AND (NUCLEIC OR DNA OR RNA) AND (CI
L18     39 S L17 AND (RESISTOR? OR RESIST? OR DIODE? OR CAPACITOR? OR CAPA
L19     26 DUP REM L18 (13 DUPLICATES REMOVED)
L20     6 S L19 AND PY<=1999
L21     29461 S CIRCUIT? AND (DIODE? OR CAPACITOR? OR CAPACITANCE? OR INDUCTO
L22     28763 DUP REM L21 (698 DUPLICATES REMOVED)
L23     12755 S L22 AND PY<=1999

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L1      5583 SEA ABB=ON  PLU=ON  CIRCUIT? AND (DNA OR RNA OR NUCLEIC?)
L2      368 SEA ABB=ON  PLU=ON  L1 AND (RESIST? OR RESISTOR?)
L3      36 SEA ABB=ON  PLU=ON  L1 AND (DIODE?)
L4      51 SEA ABB=ON  PLU=ON  L1 AND (CAPACITOR OR CAPACITANCE?)
L5      77 SEA ABB=ON  PLU=ON  L1 AND TRANSISTOR
L6      66 SEA ABB=ON  PLU=ON  L1 AND (INDUCTOR? OR INDUCER?)
L7      247 DUP REM L2 (121 DUPLICATES REMOVED)
L8      94 SEA ABB=ON  PLU=ON  L7 AND PY<=1999
L9      30 DUP REM L3 (6 DUPLICATES REMOVED)
L10     6 SEA ABB=ON  PLU=ON  L9 AND PY<=1999
L11     45 DUP REM L4 (6 DUPLICATES REMOVED)
L12     12 SEA ABB=ON  PLU=ON  L11 AND PY<=1999
L13     71 DUP REM L5 (6 DUPLICATES REMOVED)
L14     10 SEA ABB=ON  PLU=ON  L13 AND PY<=1999
L15     48 DUP REM L6 (18 DUPLICATES REMOVED)
L16     16 SEA ABB=ON  PLU=ON  L15 AND PY<=1999
        D L8 TI 1-20
        D L8 TI 21-40
        D L8 TI 41-60
        D L8 TI 61-94
        D L10 TI 1-6
        D L12 TI 1-12
        D L14 TI 1-10
        D L16 TI 1-16
        D L8 IBIB ABS 13,15,16
        D L8 IBIB ABS 20,26,43,80,85
        D L10 IBIB ABS 2,4,6
        D L12 IBIB ABS 3,5,10,12
        D L14 IBIB ABS 1-2
        D L14 IBIB ABS 4-8
        D L16 IBIB ABS 16
L17     715 SEA ABB=ON  PLU=ON  (PATTERN? OR PATTERNING?) AND (NUCLEIC OR
        DNA OR RNA) AND (CIRCUIT?)
L18     39 SEA ABB=ON  PLU=ON  L17 AND (RESISTOR? OR RESIST? OR DIODE? OR
        CAPACITOR? OR CAPACITANCE? OR TRANSISTOR? OR INDUCER? OR
        INDUCTOR?)

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L19 26 DUP REM L18 (13 DUPLICATES REMOVED)
 L20 6 SEA ABB=ON PLU=ON L19 AND PY<=1999
 D L20 TI 1-6
 L21 29461 SEA ABB=ON PLU=ON CIRCUIT? AND (DIODE? OR CAPACITOR? OR
 CAPACITANCE? OR INDUCTOR? OR INDUCER?)
 L22 28763 DUP REM L21 (698 DUPLICATES REMOVED)
 L23 12755 SEA ABB=ON PLU=ON L22 AND PY<=1999
 D L23 1-20
 D L23 TI 21-40
 D L23 TI 41-60
 D L20 IBIB ABS 1
 D L23 IBIB ABS 8,9,11
 D L23 IBIB ABS 14,19,24,26
 D L23 IBIB ABS 39,43,51,55

FILE HOME

FILE CAPLUS

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FILE MEDLINE

FILE LAST UPDATED: 23 Sep 2006 (20060923/UP). FILE COVERS 1950 TO DATE.

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The MEDLINE reload for 2006 is now (26 Feb.) available. For details on the 2006 reload, enter HELP RLOAD at an arrow prompt (=>). See also:

<http://www.nlm.nih.gov/mesh/>
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html
http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html
http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
 FROM JANUARY 1969 TO DATE.



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search **PubMed** for **(integrated circuit) and (capacitor or inductor or inducer)** **Preview** **Go** **Clear**

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#11	Search (integrated circuit) and (capacitor or inductor or inducer) Limits: Publication Date to 1998	16:29:33	<u>4</u>
#10	Search (integrated circuit) and (capacitor or inductor or inducer) Limits: only items with links to free full text, only items with links to full text, Publication Date to 1998	16:29:17	<u>0</u>
#9	Search (integrated circuit) and (capacitor or inductor or inducer) Limits: only items with links to free full text, only items with links to full text, Publication Date to 1998	16:28:55	<u>2635</u>
#7	Search RNA and (RNA binding proteins) Limits: only items with links to free full text, only items with links to full text, Publication Date to 1998	16:26:55	<u>3334</u>
#6	Search RNA and (RNA binding proteins) Limits: Publication Date to 1998	16:25:14	<u>8640</u>
#5	Search RNA and (RNA binding proteins)	16:25:00	<u>19014</u>
#4	Search The FASEB journal [Jour] AND 9[volume] AND 6 [issue] AND 1995[pdat]	10:28:27	<u>1</u>
#3	Search The FASEB journal : official publication of the Federation of American Societies for Experimental Biology [Jour] AND 9[volume] AND 6[issue] AND 1995[pdat]	10:28:08	<u>0</u>
#2	Search "The FASEB journal : official publication of the Federation of American Societies for Experimental Biology"[Jour] AND A1260[page] AND 1995[pdat]	10:27:58	<u>0</u>
#1	Search "Genome research"[Jour] AND 1[page] AND 1995 [pdat]	10:21:26	<u>1</u>

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(integrated AND circuit) and (capacitor or inductor or i

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- ☐ 1. Integrated compact capacitor-resistor/inductor configuration
Keil, Richard Fré / dé / rick / Kelkar, Ram / Novof, Ilyia Iosifovich / Oppold, Jeffery Howard / Short, Kenneth Dean / (...) / International Business Machines Corporation, EUROPEAN PATENT, Mar 1996


...configuration of **capacitors**, together with resistors and/or **inductors**, and more particularly...Application Specific **Integrated circuit**) chips, various...devices such as **capacitors**, **inductors** or various combinations...planarized. The **inductor** or a resistor can...polarity of the **capacitor** plates would have...substrate using **integrated circuit** technology. With...

Full text available at patent office. For more in-depth searching go to  LexisNexis-
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- ☐ 2. INTEGRATED CIRCUIT PROBING APPARATUS INCLUDING A CAPACITOR BYPASS STRUCTURE


BOLL, Gregory, George / BOLL Harry, Joseph / GGB INDUSTRIES, INC., EUROPEAN PATENT, Mar 1996

...strip 27 and **capacitor** 24 comprise...connected to an **integrated circuit** chip 50 (shown...resistor 54 and an **inductor** 56 (a chip...connected with the **capacitor** 24 and the **inductor** 62 which represents...pad 28 of the **integrated circuit** chip 50. The...understood that **inductors** 64 and 66 can...across the **capacitor** 24 and **inductor**...testing of an **integrated circuit** chip. The **capacitor**...

Full text available at patent office. For more in-depth searching go to  LexisNexis-
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- ☐ 3. Method of manufacturing a hybrid integrated circuit component having a laminated body
Arai, Michio / Yamauchi, Yukio / Sakamoto, Naoya / Nagano, Katsuto / Semiconductor Energy Laboratory Co., Ltd., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Jul 1997

...thin film type **integrated circuit** formed on a substrate...element such as a **capacitor**, **inductor**, resistance and...formed on the **integrated circuit**. During the firing...constitutes the **integrated circuit** is also heat annealed...

Full text available at patent office. For more in-depth searching go to  LexisNexis-
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- ☐ 4. Noise coupling in heavily and lightly doped substrate from planar spiral inductor

Your query
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(capacitor C
inducer)
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Searched for:: :All of the words:circuit AND inductor

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Sort by:: :relevance | date

☐ 1. SNUBBER CIRCUIT, SWITCHING POWER-SUPPLY, AND SATURABLE INDUCTOR USED FOR THEM

SATOH, Morio / MOMOSE, Kenichiro / SAITO, Tadao / KUSAKA, Takao / KABUSHIKI KAISHA TOSHIBA, EUROPEAN PATENT, Jul 1996

...element from said drive **circuit**, said saturable **inductor** having an exciting...multiplied by the **circuit** voltage (V). The saturable **inductor** of this invention...multiplied by the **circuit** voltage E. The saturable **inductor** for use in the snubber...

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☐ 2. INTEGRABLE CIRCUIT INDUCTOR

CORNETT, Kenneth, D. / RAMAKRISHNAN, E., S. / SHAPIRO, Gary, H. / HOWNG, Wei-Yean / MOTOROLA INC., PATENT COOPERATION TREATY APPLICATION, Nov 1997
INTEGRABLE **CIRCUIT INDUCTOR** Technical Field This invention relates...cross-sectional view of the integrated **circuit inductor** of FIG. 2, showing preferred dimensions...invention provides an integrable **circuit inductor**, such as would be implemented on...

Full text available at patent office. For more in-depth searching go to LexisNexis- [view all 8007 results from Patent Offices](#)
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☐ 3. VARIABLE INDUCTOR AND SEMICONDUCTOR INTEGRATED CIRCUIT USING IT

KAGAYA OSAMU / SHIMIZU TOSHIHIKO / SEKINE KENJI / YOSHIDA ISAO / HITACHI LTD, PATENT ABSTRACTS OF JAPAN, Jun 1996

PURPOSE: To provide an **inductor** which allows its...semiconductor integrated **circuit** and provide a semiconductor integrated **circuit** best suited to microwave integrated **circuits**. CONSTITUTION: A...part of a spiral **inductor** 1, field effect...

Full text available at patent office. For more in-depth searching go to LexisNexis- [view all 8007 results from Patent Offices](#)
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☐ 4. THREE-DIMENSIONAL INTEGRATED CIRCUIT INDUCTOR

HSIEH CHANG-MING / HSU LOUIS LI-CHEN / INTERNATL BUSINESS MACH CORP < / IBM>, PATENT ABSTRACTS OF JAPAN, Sep 1996

PROBLEM TO BE SOLVED: To increase an **inductor** and reduce an area and a volume...wherein there is provided the **inductor** in which a plurality of first and...magnetic core. SOLUTION: In an **inductor**, a plurality of first planar conductor...

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
Term(s): (inductor or inducer) and (nucleic or DNA) within: Abstract, Title, Keywords

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20. <input type="checkbox"/>	pub-date > 1995 and TITLE-ABSTR-KEY((inductor or inducer) and (nucleic or DNA or RNA or oligonucleotide) and circuit) [All Sources(- All Sciences -)]	3	re-run edit delete
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18. <input type="checkbox"/>	pub-date > 1995 and TITLE-ABSTR-KEY(resistor and (nucleic or DNA or RNA or oligonucleotide)) [All Sources(- All Sciences -)]	3	re-run edit delete
17. <input type="checkbox"/>	pub-date > 1995 and TITLE-ABSTR-KEY(capacitor and (nucleic or DNA or RNA or oligonucleotide)) [All Sources(- All Sciences -)]	8	re-run edit delete
16. <input type="checkbox"/>	pub-date > 1969 and pub-date < 2004 and TITLE-ABSTR-KEY((methacryloyl or methacrylate) and (triphenylphosphine or phosphine or phosphonium)) [All Sources(- All Sciences -)]	27	re-run edit delete
15. <input type="checkbox"/>	pub-date > 1969 and pub-date < 2004 and FULL-TEXT	21	re-run edit delete